

IN THE SPECIFICATION:

Please cancel the previous Amendment to lines 21 to 26 of Page 26.

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Please amend the paragraph bridging Pages 26 to 27 of the Specification to read as follows:

E' ~~A~~The design of the control elements according to the invention, (FIGS. 7 and 8) can be computed with the help of the microscopic burn up theory, and which has been verified also by different measurements. This shows that the pressure load acting on the control elements is basically determined by the B_4C expansion due to swelling. The designs to date only permit a B-10 burn up percentage a_m of approximately 50%. In order to cover local neutron fluence increases, however, it is necessary to make sure that a local B-10 burn up a_m of up to 100% will not lead to failure of the absorber enclosure. This is accomplished with the present invention. If need be, the control element according to the invention also can be fitted with a plurality of absorber enclosures exclusively in the regions where the neutron fluence is excessive. These regions are particularly in the upper regions and in the marginal zones of the wings of the control elements. ~~#~~